

01/25/02

PTO/SB/05 (11-00)

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Approved for use through 10/31/2002 OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1.53(b))

Attorney Docket No.	N.C. 83,636
First Inventor	LEE
Title	ULTRASONIC FORCE DIFFERENTIATION ASSAY
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. <input checked="" type="checkbox"/>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)
2. <input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27.
3. <input checked="" type="checkbox"/>	Specification (Total Pages <u>49</u>) (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure
4. <input checked="" type="checkbox"/>	Drawing(s) (35 U.S.C. 113) [Total Sheets <u>2</u>]
5. <input type="checkbox"/>	Oath or Declaration [Total Pages <u>1</u>] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. <input type="checkbox"/>	Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. <input type="checkbox"/>	CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. <input type="checkbox"/>	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. <input type="checkbox"/>	Assignment Papers (cover sheet & document(s))
10. <input type="checkbox"/>	37 CFR 3.73(b) Statement of Power of (when there is an assignee) Attorney
11. <input type="checkbox"/>	English Translation Document (if applicable)
12. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. <input checked="" type="checkbox"/>	Preliminary Amendment
14. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. <input type="checkbox"/>	Request and Certification under 35 U.S.C. 122 (b)(2)(13)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. <input type="checkbox"/>	Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

<input type="checkbox"/> Continuation	<input checked="" type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No. <u>09</u> <u>533,230</u>
Prior application information		Examiner <u>P. DO</u>	Group Art Unit <u>1641</u>

For CONTINUATION OR DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts

19 CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)	or	<input type="checkbox"/> Correspondence address below
Name	Naval Research Laboratory, Code 1008.2		
Address	4555 Overlook Ave., S.W., Code 1008.2		
City	Washington	State	DC
Country	US	Zip Code	20375-5320
Telephone	202-404-1552	Fax	202-404-7380

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182
Signature		Date	1/17/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

1046 U.S. PTO

10/054945

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 992

Complete if Known

Application Number	NOT YET ASSIGNED
Filing Date	
First Named Inventor	LEE
Examiner Name	NOT YET ASSIGNED
Group Art Unit	NOT YET ASSIGNED
Attorney Docket No.	83,636

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 50-0281

Deposit Account Name Naval Research Laboratory

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status, See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description
Code (\$) Code (\$)

Fee Paid

101 740 201 370	Utility filing fee	740
106 330 206 165	Design filing fee	
107 510 207 255	Plant filing fee	
108 740 208 370	Reissue filing fee	
114 160 214 80	Provisional filing fee	

SUBTOTAL (1) (\$ 740

2. EXTRA CLAIM FEES

Total Claims	10	Extra Claims	20 - =	X	Fee from below	Fee Paid
Independent Claims	6	- 3" =	3	X	84	252
Multiple Dependent						

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$)

Fee Description

103 18 203 9	Claims in excess of 20
102 84 202 42	Independent claims in excess of 3
104 280 204 140	Multiple dependent claim, if not paid
109 84 209 42	** Reissue independent claims over original patent
110 18 210 9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 252

**or number previously paid, if greater, For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Small
Entity Entity

Fee Fee Fee Fee
Code (\$) Code (\$)

Fee Description

Fee Paid

105 130 205 65	Surcharge - late filing fee or oath	
127 50 227 25	Surcharge - late provisional filing fee or cover sheet	
139 130 139 130	Non-English specification	
147 2,520 147 2,520	For filing a request for ex parte reexamination	
112 920* 112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*	Requesting publication of SIR after Examiner action	
115 110 215 55	Extension for reply within first month	
116 400 216 200	Extension for reply within second month	
117 920 217 460	Extension for reply within third month	
118 1,440 218 720	Extension for reply within fourth month	
128 1,960 228 980	Extension for reply within fifth month	
119 320 219 160	Notice of Appeal	
120 320 220 160	Filing a brief in support of an appeal	
121 280 221 140	Request for oral hearing	
138 1,510 138 1,510	Petition to institute a public use proceeding	
140 110 240 55	Petition to revive - unavoidable	
141 1,280 241 640	Petition to revive - unintentional	
142 1,280 242 640	Utility issue fee (or reissue)	
143 460 243 230	Design issue fee	
144 620 244 310	Plant issue fee	
122 130 122 130	Petitions to the Commissioner	
123 50 123 50	Processing fee under 37 CFR 1.17(c)	
126 180 126 180	Submission of Information Disclosure Stmt	
581 40 581 40	Recording each patent assignment per property (times number of properties)	
146 740 246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740 249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740 279 370	Request for Continued Examination (RCE)	
169 900 169 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY

Name (Print/Type) John J. Karasek

Registration No. (Attorney/Agent) 36,182

Complete (if applicable)

Telephone 202-404-1552

Signature

Date

1/23/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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